

INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 110.02150101	Serial No.: 10/810,956
	Applicant(s): BISCHOF et al.	Confirmation No.: 9825
	Application Filing Date: March 26, 2004	Group: 3739
	Information Disclosure Statement mailed: February <u>24</u> , 2005	

U.S. PATENT DOCUMENTS

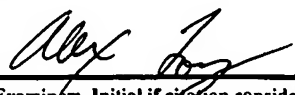
Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AT		4,140,109	02/20/79	Savic et al.			
		4,252,130	02/24/81	Le Pivert			
		4,275,734	06/30/81	Mitchiner			
		4,306,568	12/22/81	Torre			
		4,483,341	11/20/84	Witteles			
		5,385,148	01/31/95	Lesh et al.			
		5,654,279	08/05/97	Rubinsky et al.			
		5,720,743	02/24/98	Bischof et al.			
		5,741,248	04/21/98	Stern et al.			
		5,807,395	09/15/98	Mulier et al.			
		5,906,636	05/25/99	Casscells, III et al.			
		6,235,018 B1	05/22/01	Le Pivert			
AT		10/461,763	06/13/03	Bischof et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		NONE						

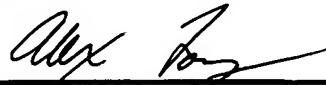
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
AT	X	Ablin, "An Appreciation and Realization of the Concept of Cryoimmunology," <i>Percutaneous Prostate Cryoablation</i> , St. Louis, MO, Quality Medical Publ., Inc.; 1995; title page, page 136.

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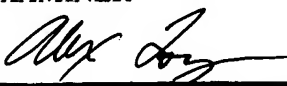
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AT	X	Aliev et al., "Morphological features of regeneration of rabbit aortic endothelium after cryoinduced vascular damage," <i>J. Submicrosc. Cytol. Pathol.</i> , 1999; 31(4):495-502.
	X	Arnott, "On the Treatment of Cancer, by the Regulated Application of an Anesthetic Temperature," J. Churchill, London, England, 1851; title page, and 1 pg. (entire document cannot be copied due to condition of original book).
	X	Arturson, "Capillary Permeability in Experimental Rapid Freezing with Rapid and Slow Rewarming," <i>Acta. Chir. Scand.</i> , 1966; 131:402-407.
	X	Asahina et al., "A Stable State of Frozen Protoplasm with Invisible Intracellular Ice Crystals Obtained by Rapid Cooling," <i>Exp. Cell Res.</i> , 1970; 59:349-358.
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	X	Bellman et al., "Transformation of the Vascular System in Cold-Injured Tissue of the Rabbit's Ear," <i>Angiology</i> , 1960; 11:108-125.
	X	Bischof et al., "An Analytical Study of Cryosurgery in the Lung," <i>ASME J. Biomech. Eng.</i> , 1992; 114:467-472.
	X	Bischof et al., "Microscale Heat and Mass Transfer of Vascular and Intracellular Freezing in the Liver," <i>J. Heat Trans.</i> , 1993; 115:1029-1035.
	X	Bischof et al., "A Morphological Study of Cooling Rate Response in Normal and Neoplastic Human Liver Tissue: Cryosurgical Implications," <i>Cryobiology</i> , 1993; 30:482-492.
	X	Bischof et al., "Rectal Protection During Prostate Cryosurgery: Design and Characterization of an Insulating Probe," <i>Cryobiology</i> , 1997; 34(1):80-92.
✓	X	Bischof et al., "Cryosurgery of Dunning AT-1 Rat Prostate Tumor: Thermal, Biophysical, and Viability Response at the Cellular and Tissue Level," <i>Cryobiology</i> , 1997; 34(1):42-69.
AT	X	Bischof et al., "A parametric study of freezing injury in ELT-3 uterine leiomyoma tumour cells," <i>Human Reproduction</i> , 2001; 16:340-348.

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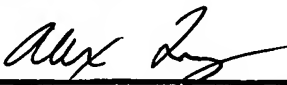
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	X	Bischof, John C., "Establishing the Efficacy of Cryomyolysis - Cryosurgery of Uterine Fibroids," Grant Abstract, Grant No. NSF-BES 9703326 [online]. National Science Foundation - BES Division, 1997-09-15 to 2002-08-31 [retrieved on 2003-07-01]. Retrieved from the Internet: <URL:https://www.fastlane.nsf.gov/servlet/showaward?award=9703326>; 2 pgs.
	X	Bischof, John C., "Establishment of Mechanisms of Cryodestruction," Grant Abstract, Grant No. 5R29CA075284-05 [online]. National Cancer Institute, 1998-07-15 to 2003-06-30 [retrieved on 2003-07-01]. Retrieved from the Internet:<URL:http://crisp.cit.nih.gov/crisp/CRISP_LIB.getdoc?textkey=6513112&p_grant_num=5R29CA075284-05&p_query=&ticket=3953348&p_audit_session_id=18077139&p_keywords=>; 2 pgs.
	X	Bonney et al., "Cryosurgery in Prostatic Cancer: Elimination of Local Lesion," <i>Urology</i> , 1983; 22:8-15.
	X	Bourne et al., "Analysis of Microvascular Changes in Frostbite Injury," <i>J. Surg. Res.</i> , 1986; 40:26-35.
	X	Bowers et al., "Ultrastructural Studies of Muscle Cells and Vascular Endothelium Immediately after Freeze-Thaw Injury," <i>Cryobiology</i> , 1973; 10:9-21.
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	X	Chosy et al., "Monitoring Renal Cryosurgery: Predictors of Tissue Necrosis in Swine," <i>Journal of Urology</i> , 1998; 159:1370-1374.
	X	Clarke et al., "Timing Dependency in Cryo-Chemo Combination Therapy: Model Cell Systems," <i>Cryobiology</i> , Abstracts, 36 th Annual Meeting, 1999; 39:320.
✓	X	Comini et al., "Thermal Aspects of Cryosurgery," <i>ASME J. Heat Transfer</i> , 1976; 98:543-549.
AT	X	Cooper, "Cryogenic Surgery. A New Method of Destruction or Extirpation of Benign or Malignant Tissues," <i>New Eng. J. Med.</i> , 1963; 268:743-749.

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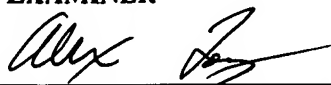
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AT	X	Cooper et al., "Analytical Prediction of the Temperature Field Emanating from a Cryogenic Surgical Cannula," <i>Cryobiology</i> , 1970; 7:79-93.
	X	Cooper et al., "Rate of Lesion Growth Around Spherical and Cylindrical Cryoprobes," <i>Cryobiology</i> , 1971; 7:183-190.
	X	Cosman et al., "An Integrated Cryomicroscopy System," <i>Cryo-Letters</i> , 1989; 10:17-38.
	X	Crismon et al., "Studies on Gangrene Following Cold Injury. V: The Use of Fluorescein as an Indicator of Local Blood Flow: Fluorescein Tests in Experimental Frostbite," <i>J. Clin. Invest.</i> , 1947; 26:268-276.
	X	Cummings et al., "Increased vascular permeability evoked by cold injury," <i>Pathology</i> , 1973; 5:107-116.
	X	Dachs et al., "The molecular response of mammalian cells to hypoxia and the potential for exploitation in cancer therapy," <i>Brit. J. Cancer</i> , 1996; 74(Suppl. 27):S126-S131.
	X	Daum et al., "Vascular Casts Demonstrate Microcirculatory Insufficiency in Acute Frostbite," <i>Cryobiology</i> , 1987; 24:65-73.
	X	Diller et al., "Water Transport Through a Multicellular Tissue During Freezing: A Network Thermodynamic Modeling Analysis," <i>Cryo-Letters</i> , 1990; 11:151-162.
	X	Dilley et al., "Laboratory and Animal Model Evaluation of the Cryotech LCS 2000 in Hepatic Cryotherapy," <i>Cryobiology</i> , 1993; 30:74-85.
	X	Echlin, <i>Low-Temperature Microscopy and Analysis</i> , New York, NY, Plenum Press, 1992, cover page, title page and table of contents only: 11 pgs.
	X	Elliot et al., "Ice Pattern Formation in Mammary Tissue from Sprague-Dawley Rats," <i>Cryobiology</i> , Abstracts, 35 th Annual Meeting, 1998; 37:451.
✓	X	Folkman, "The Vascularization of Tumors," <i>Sci. Am.</i> , 1976; 234:59-64 & 70-73.
AT	X	Fraser et al., "Observations on Ultra-Frozen Tissue," <i>Br. J. Surg.</i> , 1967; 54:770-776.

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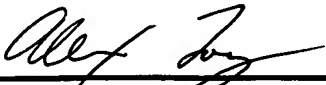
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AT	X	Fukumura et al., "Tumor Necrosis Factor Alpha-induced Leukocyte Adhesion in Normal and Tumor Vessels: Effect of Tumor Type, Transplantation Site, and Host Strain," <i>Cancer Research</i> , 1995; 55(21):4824-4829.
	X	Gage et al., "Effect of Varying Freezing and Thawing Rates in Experimental Cryosurgery," <i>Cryobiology</i> , 1985; 22(2):175-182.
	X	Gage, "Cryosurgery in the Treatment of Cancer," <i>Surg., Gynecol. Obstet.</i> , 1992; 174(1):73-92.
	X	Gage et al., "Mechanisms of Tissue Injury in Cryosurgery," <i>Cryobiology</i> , 1998; 37(3):171-186.
		Gilbert et al., "Real Time Ultrasonic Monitoring of Hepatic Cryosurgery," <i>Cryobiology</i> , 1985; 22:319-330.
	X	Gilbert et al., "Solid-Liquid Interface Monitoring with Ultrasound During Cryosurgery," <i>ASME 85-WA/HT-83</i> , 1985:1-10.
	X	Gill et al., "Renal cryosurgery," <i>Urology</i> , 1999, 54:215-219.
	X	Gupta et al., "A Novel Technique for Culture of Human Dermal Microvascular Endothelial Cells Under Either Serum-free or Serum-supplemented Conditions: Isolation by Panning and Stimulation with Vascular Endothelial Growth Factor," <i>Exp. Cell Res.</i> , 1997; 230(2):244-251.
	X	Han et al., "Modification and Use of Eutectic Formation to Enhance Direct Cell Injury," Powerpoint Presentation, 39 th Annual Meeting of the Society for Cryobiology, Breckenridge, CO, July 28-31, 2002; 18 pgs.
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	X	Han et al., "Thermal property measurements in biological solutions at subzero temperatures," Abstract, 39 th Annual Meeting of the Society for Cryobiology, Breckenridge, CO, July 28-31, 2002; <i>Cryobiology</i> , 2002; 45: 3 pgs.
AT	X	Han et al., "Phase Change Behavior of Biomedically Relevant Solutions," <i>Proceedings of IMECE2002, ASME International Mechanical Engineering Congress & Exposition, IMECE2002-32549</i> , New Orleans, LA, Nov. 17-22, 2002; 7 pgs.

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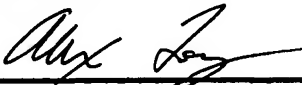
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AT	X	Han et al., "Enhancement of cell and tissue destruction in cryosurgery by use of eutectic freezing," Powerpoint Presentation, 2003 SPIE Conference, San Jose, CA, Jan. 25-31, 2003; 25 pgs.
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	X	Hayakawa et al., "Comparative Immunological Studies in Rats Following Cryosurgery and Surgical Excision of 3-Methylcholanthrene-Induced Primary Autochthonous Tumors," <i>Gann</i> , 1982; 73:462-469.
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	X	Hoffmann et al., "Cryosurgery of Normal and Tumor Tissue in the Dorsal Skin Flap Chamber: Part II—Injury Response," <i>ASME J. Biomech. Eng.</i> , 2001; 123:310-316.
	X	Hoffman et al., "Investigation of the Mechanism and the Effect of Cryoimmunology in the Copenhagen Rat," <i>Cryobiology</i> , 2001; 41:59-68.
	X	Hoffmann et al., "The Cryobiology of Cryosurgical Injury," <i>Urology</i> , 2002; 60(2 Suppl 1):40-49.
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✓	X	Inserte et al., "The Role of Na ⁺ -H ⁺ Exchange Occuring During Hypoxia in the Genesis of Reoxygenation-induced Myocardial Oedema," <i>J. Mol. Cell. Cardiol.</i> , 1997; 29(4):1167-1175.
AT	X	Isaacs et al., "Establishment and Characterization of Seven Dunning Rat Prostatic Cancer Cell Lines and Their Use in Developing Methods for Predicting Metastatic Abilities of Prostatic Cancers," <i>Prostate</i> , 1986; 9:261-281.

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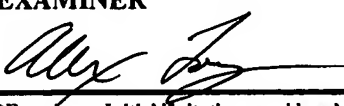
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	X	Jacob et al., "An Assessment of Tumor Cell Viability after <i>in Vitro</i> Freezing," <i>Cryobiology</i> , 1985; 22:417-426.
	X	Jain, "Analysis of Heat Transfer and Temperature Distributions in Tissues During Local and Whole-Body Hyperthermia," <i>Heat Transfer in Medicine and Biology, Volume 2</i> , New York, NY, Plenum Press, 1985, Chapter 16, pgs. 3-54.
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	X	Kruuv, "Effects of Pre- and Post-thaw Cell-to-Cell Contact and Trypsin on Survival of Freeze-Thaw Damaged Mammalian Cells," <i>Cryobiology</i> , 1986; 23:126-133.
	X	Larese et al., "Antifreeze Proteins Induce Intracellular Nucleation," <i>Cryo-Letters</i> , 1996; 17:175-182.
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V	X	Lim et al., "Growth of an Androgen-Sensitive Human Prostate Cancer Cell Line, LNCaP, in Nude Mice," <i>Prostate</i> , 1993; 22(2):109-118.
AT	X	Love, "The Freezing of Animal Tissue," <i>Cryobiology</i> , New York, NY, Academic Press, 1966, Chap. 7, pgs. 317-405.

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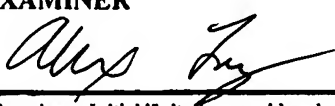
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	X	Ludwin, "Survival of Tumor Material after Freezing at -79°C," <i>Biodynamica</i> , 1951; 7(131):53-55.
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	X	Mazur et al., "Relative Contributions of the Fraction of Unfrozen Water and of Salt Concentration to the Survival of Slowly Frozen Human Erythrocytes," <i>Biophys. J.</i> , 1981; 36:653-675.
	X	Mazur, "Freezing of living cells: mechanisms and implications," <i>Am. J. Physiol.</i> , 1984; 247:C125-C142.
	X	McGann et al., "Factors affecting the repair of sublethal freeze-thaw damage in mammalian cells. II. The effects of ouabain," <i>Cryobiology</i> , 1974; 11:332-339.
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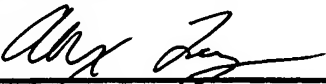
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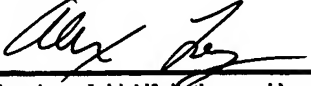


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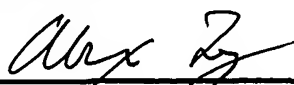
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